

OSA - 1946-67

To: Bruce B.
(cc: Dave W., Bob B.)

Subject: Progress Report
Contract No. DC-1501
16 March thru 15 April 1967

1. R&D Effort

1.1 Thermal Balance Analysis
PPA vs. Cockpit Environment

No further information has been received from the field. This item has been put in a hold status until further notice.

1.2 Supplemental Thermal Protection

No activity to report. We are still awaiting further information from the field on the constant flow helmet.

1.3 Visor Latch, Positive Lock

This item has been dropped and the latch has been removed from the 5-2 helmet per instructions from Bruce B.

1.4 Auxiliary Flotation Gear

This item has been put in a hold status per instructions from Bruce B.

The unit has been removed from the 5-4 PPA.

No further work will be accomplished until receipt of new instructions.

1.5 Increase of Suit Flotation

A prototype undersuit flotation unit has been tested and proves to provide more support for the subject in the water. It substantially raises the man to where the water level is at the armpits in an upright position.

1.5 Increase of Suit Flotation (cont'd)

The garment is being integrated with the 5-4 PPA for an open sea flotation test. Work is expected to be completed by 10 May 67.

1.6 Flotation Garment Relief Valve

This item is being installed in the improved flotation garment for the 5-4 PPA and is expected to be completed by 10 May 67.

1.7 Life Raft

One (1) each open end raft with a single floor design and one (1) each raft with an inflatable floor have been fabricated.

Each raft has been packed satisfactorily in the seat kit and each raft has been tested in accordance with Mil-L-8664WP.

It is expected that shipment of the two (2) rafts to ☐ ☐ for evaluation will be made on 20 April 67.

STAT

1.8 Heated Glove Development

An electrically heated glove is being fabricated and is now expected to be completed for cold chamber testing by 28 May 67.

A delay has been experienced due to fabrication difficulties but these have now been overcome.

1.9 Study of Helmet Shell Protective Features

This item has been put on a low priority status. Additional effort on this item could result in an overrun of funds.

JAR/es

25X1

ITEMS REMAINING TO BE DELIVERED 15 April 1967
 Approved For Release 2003/04/17 : CIA-RDP75B00285R000300160019-2
 Repair and Modification
 Contract No. DC-TM-1504

JAR-856-1939
 8 May 1967
 Page 5 of 5

<u>Work Order No.</u>	<u>Customer</u>	<u>Description</u>	<u>Estimated Delivery Date</u>
W/O-GN-67-12-13-013	1	Receiving & Shipping Record Purposes Only 5 Items received and to be replaced (For GN S970 PPA, S/N 1055 and 1056, PR-GN-67-10-04-020)	Upon receipt from supplier
W/O-GN-67-01-19-016	1	Receiving & Shipping Record Purposes Only: 1 ea GN ACS1621 Helmet, Ser. No. 251 } 1 ea GN A2840 Counterbalance Spring Assy) 1 ea GN A2635 PPG Visor #5	Evaluation complete. Require confirmation to restore to flight status. Evaluation by PPG recom- mends removal from service. Will retain in inventory for test use.
W/O-GN-67-03-02-020	1	Receiving & Shipping Record Purposes Only: 1 ea GN ACS1438 Coverall with Experimental } Flotation Collar, S/N 5-4 } 1 ea GN ACS880R Helmet, S/N 5-2 } 1 ea GN-NL Raft	Modification 10 May 67. Awaiting test schedule. Evaluation accountability transferred to DC-1501.

ITEMS REMAINING TO BE DELIVERED 15 April 1967

New Equipment and Spare Parts

Contract No. DC-CT-1503

Approved For Release 2003/04/17 : CIA-RDP75B00285R000300160019-2

JAR-856-1939

8 May 67

Page 4 of 5

<u>Purchase Request No.</u>	<u>Customer</u>	<u>Description</u>	<u>Estimated Delivery Date</u>
PR-GN-67-03-29-060	2	12 pr GN 9375P01 Gloves {white}	1 May 67
		12 pr GN 9375P02 Gloves {white}	1 May 67
		12 pr GN 9375P03 Gloves {white}	1 May 67
		12 ea GN P6128 Ring, Relief Bladder	6 ea 1 May - Bal 31 May 67
		12 ea GN ACS2160-1 Nozzle, Entry {med}	6 ea 8 May - Bal 31 May 67
		12 ea GN ACS2160-2 Nozzle, Entry {large}	6 ea 8 May - Bal 31 May 67
PR-GN-67-03-24-059	2	6 ea GN A2675 BiLock Assy	15 May 67
		12 ea GN P7465 Housing, Plunger	12 May 67
		10 ea GN A2643-1 Hose Assy, O ₂ System	5 June 67
		10 ea GN A2643-2 Hose Assy, O ₂ System	5 June 67
PR-GN-67-04-06-062	1	1 ea GN 9276P01 Relief Valve	21 April 67
	2	6 pt GN P768 Cement, Neoprene	1 May 67
		10 ea GN ACS188-2R Boot, Neoprene	Part 21 Apr - Bal 31 May 67
		15 ea GN ACS188-4R Boot, Neoprene	Part 21 Apr - Bal 31 May 67
		10 ea GN ACS188-5R Boot, Neoprene	Part 21 Apr - Bal 31 May 67
		2 ea GN 10613G02 Reinforcement, Slide Fastener	8 May 67
PR-GN-67-04-05-061	2	250 yd GN P2577 Cotton, Visor Cleaning	Part 21 Apr - Bal 19 May 67
		18 ea GN ACS1408-3R Bladder, Glove	50% 15 May - Bal 31 May 67
		11 ea GN ACS1408-1L Bladder, Glove	50% 15 May - Bal 31 May 67
		11 ea GN ACS1408-1R Bladder, Glove	50% 15 May - Bal 31 May 67
		5 qt GN P3342 Sealant	21 April 67

ITEMS REMAINING TO BE DELIVERED 15 April 1967

New Equipment and Spare Parts

Contract No. DC-CT-1503

Approved For Release 2003/04/17 : CIA-RDP75B00285R000300160019-2

JAR-856-1939

8 May 67

Page 3 of 5

<u>Purchase Request No.</u>	<u>Customer</u>	<u>Description</u>	<u>Estimated Delivery Date</u>
PR-GN-67-11-16-031	1	For GN ACS1438 Coverall, S/N 1045-4: 1 ea GN ACS2216 and 2217 Hose Assy	22 May 67
PR-GN-67-10-04-020	1	For GN S970 PPA, S/N 1055: #2 1 ea GN ACS1225, 1226, 2212, 2213, 2216 and 2217 Hose Assy For GN S970 PPA, S/N 1056: #1 1 ea GN ACS1438 Coverall 1 ea GN ACS2212 and 2213 Hose Assy #2 1 ea GN 10522G01 Helmet 1 ea GN ACS1225, 1226, 2212, 2213, 2216 and 2217 Hose Assy	22 May 67 Held til #2 approved 22 May 67 26 April 67 22 May 67
PR-GN-67-10-17-025	1	For GN S970 PPA, S/N 5: 1 ea GN ACS1225, 1226, 2212, 2213, 2216 and 2217 Hose Assy	22 May 67
PR-GN-67-02-23-048	2	4 ea GN ACS188-2L Boot, Neoprene	1 ea 21 Apr - Bal 15 May 67
PR-GN-67-02-24-049	1	80 ea GN P5059 "O" Ring	8 May 67
PR-GN-67-03-13-054	2	18 ea GN ACS1458-1 Bladder, Relief with Suspensory 18 ea GN ACS1458-2 Bladder, Relief with Suspensory 6 ea GN ACS325 Fitting, Bioinstrumentation	Part 15 May - Bal 29 May 67 Part 15 May - Bal 29 May 67 1 May 67
PR-GN-67-03-22-057	2	18 ea GN P7458 Plunger 3 ea GN 10012G01 Valve Assy Kit, L/H Bearing	1 May 67 30 June 67

Approved For Release 2003/04/17 : CIA-RDP75B00285R000300160019-2

DATE OF DOC		DATE REC'D		DATE OUT		SUSPENSE DATE		CROSS REFERENCE OR	
Approved For Release		2003/04/17		: CIA-RDP75B00285R000300160019-2					
TO FROM SUBJ.									
16 Mar thru 15 Apr 1967									
1 cy RSD/CSA 1 cy CMD/CSA									
Approved For Release 2003/04/17 : CIA-RDP75B00285R000300160019-2									
COURIER NO.		ANSWERED		NO REPLY					
								4	